

Claims

What is claimed:

1. A mobile and landline connection device, comprising:
a landline communication link;
a wireless communication link; and
wherein the connection device includes a processor, a memory, and
program instructions provided to the memory and executable by the processor to:
control switching a communication connection for a mobile
communication handset between the landline communication link and the
wireless communication link; and
transmit address and contact information from the mobile
communication handset to a landline handset when the mobile communication
handset is connected to the device.
2. The device of claim 1, further including program instructions which
execute to automatically transmit mobile calls to the landline handset when the
mobile communication handset is connected to the device.
3. The device of claim 1, further including program instructions which
execute to transmit address and contact information from the device to the
mobile communication handset when the mobile communication handset is
connected to the device.
4. The device of claim 1, wherein the device further includes:
a display;
a function key; and
a battery charger to charge a battery on the mobile communication
handset.

5. The interface of claim 1, wherein the wireless communication link includes a connection to a mobile telecommunications network selected from the group of a CDMA based network and a GSM based network.

6. A mobile and landline connection device, comprising:
a landline communication link;
a radio communication link; and
wherein the device includes a processor, a memory coupled to the processor, and program instructions provided to the memory and executable by the processor to:
automatically transmit mobile calls received over the radio communication link to a landline handset when a mobile communication handset is connected to the device; and
transmit address and contact information from the mobile communication handset to the device when the mobile communication handset is connected to the device.

7. The device of claim 6, further including program instructions which execute to transmit address and contact information from the device to the mobile communication handset when the mobile communication handset is connected to the device.

8. The device of claim 6, wherein the device further includes:
a display;
a function key; and
a battery charger to charge a battery on the mobile communication handset.

9. The device of claim 6, wherein the radio communication link includes a connection to a mobile telecommunications network selected from the group of a CDMA based network and a GSM based network.

10. The device of claim 6, wherein the landline handset includes a cordless handset.
11. The device of claim 6, wherein the mobile communication handset includes a multifunction device having a to-do list, a contact list, and an address book.
12. The device of claim 6, further including program instructions which execute to selectably transmit calls from the landline handset through the radio communication link when the mobile communication handset is connected to the device.
13. The device of claim 6, wherein the device includes an external antenna to boost reception via the radio communication link when the mobile communication handset is connected to the device.
14. The device of claim 6, further including program instructions which execute to transmit mobile calls to a number of landline handsets and the mobile communication handset when the mobile communication handset is connected to the device.
15. The device of claim 6, wherein the device includes a cradle on which the mobile communication handset can seat.
16. The device of claim 15, further including program instructions which execute to selectably forward calls placed to the landline handset through the landline communication link to the mobile communication handset when the mobile communication handset is not located in the cradle.
17. A method for connecting mobile and landline calls, comprising:
 - providing a mobile and landline connection device having a landline communication link, a radio communication link, a processor, and a memory connected to one another;

switching a communication connection for a mobile handset between the landline communication link and the radio communication link; and

transmitting address and contact information from the mobile handset to a landline handset when the mobile handset is connected to the connection device.

18. The method of claim 17, wherein the method includes automatically transmitting mobile calls to the landline handset when the mobile communication handset is connected to the device.

19. The method of claim 17, wherein the method includes storing and updating address and contact information on the device.

20. The method of claim 19, wherein the method includes transmitting address and contact information from the device to the mobile communication handset when the mobile communication handset is connected to the device.

21. The method of claim 17, wherein the method includes displaying the address and contact information on the device and selectably choosing the address and contact information using a function key on the device.

22. The method of claim 17, wherein the method includes switching a communication connection for a mobile communication handset between a public switched telephone network (PSTN) and a mobile telecommunications network selected from the group of a CDMA based network and a GSM based network.

23. A method for connecting mobile and landline calls, comprising:
automatically transmitting incoming mobile calls to a landline handset when a mobile communication handset is connected to an access point device;
and

transmitting address and contact information from the mobile communication handset to a landline handset when the mobile communication handset is connected to the access point device.

24. The method of claim 23, wherein the method includes transmitting and storing address and contact information to the access point device when the mobile communication handset is connected to the device.

25. The method of claim 23, wherein the method includes updating address and contact information on the access point device, the device having a processor, a memory, a display, and a function key coupled to one another.

26. The method of claim 23, wherein the method includes transmitting address and contact information from the access point device to the mobile communication handset when the mobile communication handset is connected to the device.

27. The method of claim 23, wherein the method includes displaying and selectably accessing address and contact information on the access point device.

28. The method of claim 23, wherein the method includes displaying and selectably accessing address and contact information from the access point device on a display of the mobile communication handset when the mobile communication handset is seated in a cradle of the device.

29. The method of claim 23, wherein the method includes transmitting incoming mobile calls from a mobile network selected from the group of a CDMA based network and a GSM based network to the landline handset.

30. The method of claim 23, wherein the method includes transmitting outgoing calls from the landline handset, via the access point device, over a mobile network selected from the group of a CDMA based network and a GSM based network.

31. The method of claim 23, wherein the method includes transmitting outgoing mobile calls from the mobile communication handset over a landline network when the mobile communication handset is connected to the access point device.

32. A computer readable medium having instructions for causing a device to perform a method, comprising:

switching a communication connection for a mobile communication handset between a landline communication link and a radio communication link on the device; and

transmitting address and contact information from the mobile communication handset to a landline handset when the mobile communication handset is connected to the device.

33. The medium of claim 32, wherein the method includes transmitting a to-do list, a contact list, and an address book from the mobile communication handset to the device.

34. The medium of claim 32, wherein the method includes transmitting a to-do list, a contact list, and an address book from the device to the mobile communication handset.

35. The medium of claim 32, wherein the method includes selectably transmitting calls from the landline handset through the radio communication link when the mobile communication handset is connected to the device.

36. The medium of claim 32, wherein the method includes selectably transmitting calls from the mobile communication handset through the landline communication link when the mobile communication handset is connected to the device.

37. The medium of claim 32, wherein the method includes transmitting incoming mobile calls to a number of landline handsets and the mobile communication handset when the mobile communication handset is connected to the device.

38. A mobile and landline connection device, comprising:
a processor, a memory, a landline link, and a mobile link connected with one another;
a seat for receiving a mobile communication device to connect with the processor, the memory, the landline link, and the mobile link; and
means for exchanging address and contact information between the mobile communication device and the connection device.

39. The device of claim 38, wherein the means for exchanging address and contact information includes a set of computer executable instructions.

40. The device of claim 38, further including program instructions stored on the memory and executable by the processor to switch a communication connection in association with the mobile communication device between the landline link and the mobile link.

41. The device of claim 40, wherein the device is a portable device, and wherein the device further includes program instructions to identify a particular landline to which the landline link connects.

42. The device of claim 41, further including program instructions stored on the memory and executable by the processor to transmit an identification number associated with the particular landline to a mobile switching center.

43. The device of claim 38, further including program instructions stored on the memory and executable by the processor to transmit address and contact information from the mobile communication device to a landline handset.

44. The device of claim 38, further including program instructions stored on the memory and executable by the processor to automatically transmit mobile calls to a landline handset connected to the device via the landline link.

45. The device of claim 38, further including program instructions stored on the memory and executable by the processor to store and update address and contact information on the device.

46. The device of claim 38, further including program instructions stored on the memory and executable by the processor to transmit address and contact information from the device to the mobile communication device.

47. The device of claim 38, further including program instructions stored on the memory and executable by the processor to display the address and contact information on the device and to selectably choose the address and contact information using a function key on the device.

48. The device of claim 38, wherein the device is connected to a communication network, the device further including program instructions stored on the memory and executable by the processor to:

switch a communication connection for the mobile communication device between a public switched telephone network (PSTN) and a mobile telecommunications network selected from the group of a CDMA based network and a GSM based network.